

10/667,116

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PATENT *IFW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

J. Michael Goodson

Application No.: 10/667,116

Filed: September 19, 2003

For: SLEEVED ULTRASONIC  
CONVERTER



Confirmation No.: 8520

Group Art Unit: 2834

Examiner: Mark Osborne Budd

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

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M/S AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 28, 2005.

STALLMAN & POLLOCK LLP

Dated: 01/28 /2005

By: Georgia K. Stith

Georgia K. Stith

Sir:

Applicant(s) submit(s) herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which he is aware, which he believe(s) may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.

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Atty Docket No.: CRUL-2010

- (c) ☐ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits, or before a first office action after filing a Request for Continued Examination under §1.114.
- (d) ☒ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) is checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449

(Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith, except as noted below.

Those patent(s) or publication(s) which are marked with an asterisk (\*) in the attached form PTO-1449 (Modified) are not supplied because they: (a) are either U.S. Patents or published U.S. patent applications; (b) are a U.S. patent application, the image of which is stored in the USPTO's file wrapper (IFW) system; or (c) were previously cited by or submitted to the Office in a prior application no. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (h) ☒ not given
- (i) ☐ given for each listed item
- (j) ☐ given for only non-English language listed item(s) [Required]
- (k) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

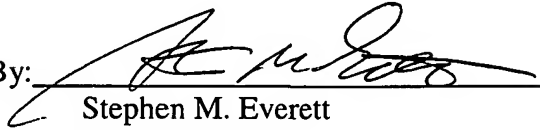
- ☒ The Commissioner is hereby authorized to charge our Deposit Account No. 50-1703, under Order No. CRUL-2010, for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.** In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the

above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

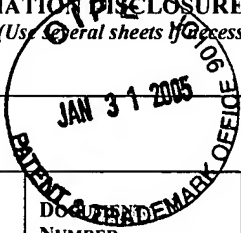
STALLMAN & POLLOCK LLP

Dated: January 28, 2005

By:   
Stephen M. Everett  
Reg. No. 30,050

Attorneys for Applicant(s)

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>CRUL-2010</b>	Application Number <b>10/667,116</b>
	Applicant(s) <b>J. Michael Goodson</b>	
	Filing Date <b>September 19, 2003</b>	Group Art Unit <b>2834</b>



### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	*BA	4,495,433	01/22/1985	Sheridan	310	329	11/22/1983
	*BB	4,633,119	12/30/2986	Thompson	310	325	06/14/1985
	*BC	5,748,566	05/05/1998	Goodson	367	158	05/09/1996
	*BD	US 2001/0001123	05/10/2001	Madan et al.	606	169	12/19/2000

### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BE	3-150080	06/26/1991	Japan	H02N	1/00	Abstract	
	BF	EP 0 749 900 A1	12/27/1996	EPC	B65B	51/22		

### OTHER DOCUMENTS

*(Including Author, Title, Date, Pertinent Pages, Etc.)*

	BG	J.C. Adamowski et al., "Combination of analytical and finite element methods to obtain acoustic fields in complex structures driven by piezoelectric multi-layered transducers," <i>1997 Proceedings of IEEE Ultrasonics Symposium (Toronto, Ontario, Canada)</i> , 5 October 1997, pp. 955-958.
	BF	In PCT Application No. PCT/US03/29637, filed 09/22/2003, copy of Supplementary European Search Report, search completed 11/11/2004, 4 pages in length.

Examiner	Date Considered
<b>Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b>	